

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/013250

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08F2/00 C12P13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08F C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/033716 A (DIA-NITRIX CO., LTD; SEYA, MASAOKI) 24 April 2003 (2003-04-24) the whole document	1-18
X	US 4 343 900 A (WATANABE ET AL) 10 August 1982 (1982-08-10) the whole document	1-18
Y	US 6 162 624 A (SYMES ET AL) 19 December 2000 (2000-12-19) cited in the application	1-17
A	the whole document	18
Y	US 5 698 629 A (SEKI ET AL) 16 December 1997 (1997-12-16)	1-17
X	the whole document	18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

25 May 2005

Date of mailing of the international search report

06/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pinheiro Vieira, E

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013250

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03033716	A	24-04-2003	WO 03033716 A1	24-04-2003
US 4343900	A	10-08-1982	JP 1377275 C	08-05-1987
			JP 56051987 A	09-05-1981
			JP 61040396 B	09-09-1986
			JP 1377276 C	08-05-1987
			JP 56051988 A	09-05-1981
			JP 61040397 B	09-09-1986
			DE 3037009 A1	23-04-1981
			FR 2466506 A1	10-04-1981
			GB 2062625 A , B	28-05-1981
US 6162624	A	19-12-2000	AT 235546 T	15-04-2003
			AT 207964 T	15-11-2001
			AU 719269 B2	04-05-2000
			AU 1106497 A	03-07-1997
			AU 714561 B2	06-01-2000
			AU 1106597 A	03-07-1997
			BR 9611961 A	17-02-1999
			BR 9612006 A	17-02-1999
			CA 2238443 A1	19-06-1997
			CA 2239005 A1	19-06-1997
			CN 1207776 A , C	10-02-1999
			CN 1207770 A	10-02-1999
			DE 69616594 D1	06-12-2001
			DE 69616594 T2	02-05-2002
			DE 69627021 D1	30-04-2003
			DE 69627021 T2	11-03-2004
			DK 870016 T3	16-06-2003
			DK 870051 T3	25-02-2002
			EP 0870016 A1	14-10-1998
			EP 0870051 A1	14-10-1998
			ES 2193280 T3	01-11-2003
			ES 2166010 T3	01-04-2002
			WO 9721805 A1	19-06-1997
			WO 9721827 A1	19-06-1997
			JP 2000501610 T	15-02-2000
			JP 2000501611 T	15-02-2000
			PT 870016 T	31-07-2003
			RU 2182928 C2	27-05-2002
			RU 2188864 C2	10-09-2002
			US 6361981 B1	26-03-2002
			US 5998180 A	07-12-1999
US 5698629	A	16-12-1997	JP 9118704 A	06-05-1997